

### REMARKS

Reconsideration of this application is respectfully requested in view of the foregoing amendment and the following remarks.

Claims 1-20 were pending in this application. Claims 18-20 have been cancelled, and claim 12 has been amended hereby to correct matters of form. Accordingly, claims 1-17 will be pending herein upon entry of this Amendment. Support for the amendment to claim 12, can be found, for example, in Fig. 1 of the present application. For the reasons stated below, Applicant respectfully submits that all claims pending in this application are in condition for allowance.

In the Office Action, the drawings and specification were objected to; claim 12 and 18-20 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite; claims 18-20 were rejected under 35 U.S.C. §101 as claiming the same invention as that of claims 17-19 of prior U.S. Patent No. 6,744,519; and claims 1-20 were rejected under the judicially created doctrine of obviousness-type double patenting over claims 1-23 of U.S. Patent 6,744,519. To the extent these rejections might still be applied to claims presently pending in this application, they are respectfully traversed.

Applicants have updated Figure 2 to remove any handwritten notations. Accordingly, the objection thereto should be withdrawn.

The specification has also been amended to identify U.S. Patent 6,744,519 as issuing from application no. 10/135,245.

Regarding the §112 claim rejections, claim 12 has been amended to clarify where the “feedback signal amplifier” is located in the apparatus, and claims 18-20 have been cancelled.

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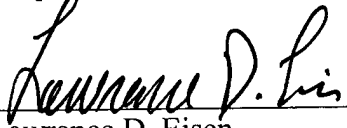
The §101 double patenting rejection of claims 18-20 is rendered moot in view of the cancellation of those claims.

Finally, to address the obviousness-type double patenting rejection of claims 1-20 over claim 1-23 of U.S. Patent 6,744,519, a Terminal Disclaimer is being filed herewith.

In view of the foregoing all of the claims in this case are believed to be in condition for allowance. Should the Examiner have any questions or determine that any further action is desirable to place this application in even better condition for issue, the Examiner is encouraged to telephone applicants' undersigned representative at the number listed below.

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Date: May 3, 2006

Respectfully submitted,  
By:   
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Attachments: Replacement Drawing Sheet  
Terminal Disclaimer

LDE/dkp

Customer No. 00128

PLEASE CONTINUE TO SEND OFFICIAL CORRESPONDENCE TO:

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**Amendments to the Drawings:**

The attached drawing sheet includes changes to Fig. 2. This sheet, which includes Fig. 2, replaces the original sheet including Fig. 2

Attachment: Replacement Sheet